

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

[Fbxo7<sup>tm1a\(EUCOMM\)Wtsi</sup>](#)/[Fbxo7<sup>tm1a\(EUCOMM\)Wtsi</sup>](#)

RRID:MGI:6286247

Type: Organism

## Proper Citation

RRID:MGI:6286247

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:6286247

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** anemia, increased red blood cell distribution width, behavior/neurological phenotype, increased mean corpuscular volume, reticulocytosis, anisocytosis, decreased hemoglobin content, increased mean corpuscular hemoglobin concentration, decreased hematocrit, decreased erythrocyte cell number, increased spleen weight, increased erythroblast number, abnormal reticulocyte cell number, extramedullary hematopoiesis, decreased circulating iron level, increased circulating bilirubin level, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, hyperchromic macrocytic anemia, enlarged spleen, abnormal T cell differentiation, thymus atrophy, increased double-negative T cell number, thymus hypoplasia, male infertility, increased effector memory CD8-positive, alpha-beta T cell number, arrest of spermiogenesis, increased susceptibility to bacterial infection, immotile sperm, increased susceptibility to bacterial infection induced morbidity/mortality, mortality/aging, decreased testis weight, abnormal spermatogenesis, oligozoospermia, decreased T cell number, increased erythrocyte clearance, teratozoospermia, increased activated T cell number, increased memory T cell number, abnormal effector T cell number, increased effector memory CD4-positive, alpha-beta T cell number

**Affected Gene:** Fbxo7

**Genomic Alteration:** tm1a(EUCOMM)Wtsi

**Catalog Number:** 6286247

**Background:** involves: C57BL/6N

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:30840666](#)

**Organism Name:** Fbxo7<sup>tm1a</sup>(EUCOMM)Wtsi/Fbxo7<sup>tm1a</sup>(EUCOMM)Wtsi

**Record Creation Time:** 20240120T185733+0000

**Record Last Update:** 20240130T201508+0000

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## Ratings and Alerts

No rating or validation information has been found for Fbxo7<sup>tm1a</sup>(EUCOMM)Wtsi/Fbxo7<sup>tm1a</sup>(EUCOMM)Wtsi.

No alerts have been found for Fbxo7<sup>tm1a</sup>(EUCOMM)Wtsi/Fbxo7<sup>tm1a</sup>(EUCOMM)Wtsi.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.